

ALPHA WIRE
CUSTOMER PRODUCT SPECIFICATION

Part Number: 3585/25-3585/50
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Issue: 2
Issue Date: 12/29/2011
Effective Date: 12/29/2011

Product Description: Round to flat cable, 28 AWG (7/36) tinned copper conductors, polyvinylchloride insulation with a red stripe on the leading edge, aluminum polyester and tinned copper braid shields, with a polyvinylchloride jacket.

Note: All dimensions are in inches unless otherwise specified.

Construction Requirements

Conductor Data:

Material	Tinned Copper
AWG, Stranding	28, 7/36

Insulation Data:

Material	Polyvinylchloride
Nominal Wall Thickness	0.010
Nominal Diameter	0.035
Nominal Overall Width	See Table 1

Core Data:

Number of Conductors	See Table 1
Color Code	Gray With A Red Stripe On The Leading Edge
Termination Length	0.750
Termination Length intervals	1.5
Configuration	Flat to Round

Shield Data:

First Shield	Aluminum/Polyester, Foil Facing Out
Second Shield	Tinned Copper Braid
Nominal Coverage	90%

Jacket Data:

Material	Polyvinylchloride
Color	Black
Nominal Wall Thickness	0.032
Nominal Diameter	See Table 1
Jacket Print Legend	ALPHA WIRE -* 3585/XX (UL) 105C TYPE CL2 28AWG SHIELDED AWM 20381

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Finished Product Requirements:

Temperature	-20°C to 105°C
Voltage Rating	150 - CL2, 300 - AWM
Nominal Capacitance	24 pF/ft
UL AWM Style	20381
UL Type	CL2

Environmental Compliance

EU Directive 2002/95/EC(RoHS):

All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. Consult Alpha Wire's web site for compliance Date of Manufacture.

REACH Regulation (EC 1907/2006):

This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item. For up-to-date information, please see [Alpha's REACH SVHC Declaration](#).

Availability:

The standard package is available on 100ft spools, may contain multiple lengths.

Table 1

Part Number	# of Conductors	Nominal Width	Nominal Diameter
3585/25	25	1.20	0.34
3582/26	26	1.25	0.35
3585/34	34	1.70	0.36
3585/37	37	1.85	0.38
3585/40	40	1.95	0.40
3585/50	50	2.45	0.46

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